



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date <b>March 14, 2011</b>	EPA Reg. No./File <b>6836-274</b>	Page 1 of 4
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom TBS-5B</b>	

**Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401 44801903	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 48272101 48272102	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN OWN OWN	
830.6302/63-2	Color	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6303/63-3	Physical State	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6304/63-4	Odor	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7200/63-5	Melting Point	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7220/63-6	Boiling Point	---	---	---	N/A: Footnote 2

Signature <i>Joanna Holcombe</i>	Name and Title: <b>Joanna Holcombe, Sr. Commercial Regulatory Services Associate</b>	Date <b>March 14, 2011</b>
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Date <b>March 14, 2011</b>		EPA Reg. No./File <b>6836-274</b>		Page 2 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5B</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	pH	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901	Glyco, Inc. (Co. #38906) LONZA, Inc.	OLD OWN	Footnote 1

Signature <i>Joanna Holcombe</i>	Name and Title: <b>Joanna Holcombe, Sr. Commercial Regulatory Services Associate</b>	Date <b>March 14, 2011</b>
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Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom TBS-5B</b>	

**Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		41458801 41952702	LONZA, Inc. LONZA, Inc.	OWN OWN	
830.6315/63-15	Flammability	---	---	---	N/A: Footnote 3
830.6316/63-16	Explosibility	---	---	---	N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity	---	---	---	N/A: Footnote 5
830.6319/63-19	Miscibility	---	---	---	N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage	---	---	---	N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature <i>Joanna Holcombe</i>	Name and Title: <b>Joanna Holcombe, Sr. Commercial Regulatory Services Associate</b>	Date <b>March 14, 2011</b>
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Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5B</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2600/81-6	Skin Sensitization	00158026	Glyco, Inc. (Co. #38906)	OWN	
		00084178	Glyco, Inc. (Co. #38906)	OWN	
		00128160	Glyco, Inc. (Co. #38906)	OWN	
		00161228	Glyco, Inc. (Co. #38906)	OWN	
810.1000/91-7(b)	Product Performance Enterococcus faecalis, ATCC 11700 Salmonella enterica, ATCC 10708 Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801904	LONZA, Inc.	OWN	
810.1000/91-7(b)	Product Performance Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801905	LONZA, Inc.	OWN	

FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 These data are not required under 40 CFR §158.190 because the subject end-use product is not explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- 6 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not an emulsifiable liquid intended to be diluted with petroleum solvents.
- 7 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not a liquid intended to be used around electrical equipment.
- 8 These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature 	Name and Title: Joanna Holcombe, Sr. Commercial Regulatory Services Associate	Date March 14, 2011
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			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
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Signature <i>Joanna Holcombe</i>	Name and Title: <b>Joanna Holcombe, Sr. Commercial Regulatory Services Associate</b>	Date <b>March 14, 2011</b>
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			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	
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Signature <i>Joanna Holcombe</i>	Name and Title: Joanna Holcombe, Sr. Commercial Regulatory Services Associate	Date March 14, 2011
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Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Millendale, NJ 07401</b>	Product <b>Dantobrom TBS-5B</b>	

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			Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
			Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature 	Name and Title: <b>Joanna Holcombe, Sr. Commercial Regulatory Services Associate</b>	Date <b>March 14, 2011</b>
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			Glyco, Inc. (Co. #38906)	OWN	
			Glyco, Inc. (Co. #38906)	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	

FOOTNOTES:

Signature <i>Joanna Holcombe</i>	Name and Title: Joanna Holcombe, Sr. Commercial Regulatory Services Associate	Date March 14, 2011
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Signature 	Name and Title: Kari Mavian, Director, Regulatory Services
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Date October 22, 2010
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## DATA MATRIX

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-274</b>		Page 2 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point	---	---	---	N/A: Footnote 2
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	pH	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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## DATA MATRIX

Date <b>October 22, 2010</b>	EPA Reg. No./File <b>6836-274</b>	Page 3 of 4			
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom TBS-5b</b>				
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability	---	---	---	N/A: Footnote 3
830.6316/63-16	Explosibility	---	---	---	N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity	---	---	---	N/A: Footnote 5
830.6319/63-19	Miscibility	---	---	---	N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage	---	---	---	N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services
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Date October 22, 2010
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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-274	Page 4 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
91-7(b)	Product Performance	44801904 44801905	LONZA, Inc. LONZA, Inc.	OWN OWN	

## FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 These data are not required under 40 CFR §158.190 because the subject end-use product is not explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- 6 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not an emulsifiable liquid intended to be diluted with petroleum solvents.
- 7 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not a liquid intended to be used around electrical equipment.
- 8 These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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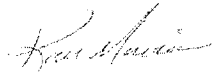
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## DATA MATRIX

Date <b>October 22, 2010</b>	EPA Reg. No./File <b>6836-274</b>	Page 1 of 2
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom TBS-5b</b>	

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.6302/63-2	Color				
830.6303/63-3	Physical State				
830.6304/63-4	Odor				
830.7200/63-5	Melting Point				
830.7220/63-6	Boiling Point				
830.7300/63-7	Density/Relative Density/Bulk Density				
830.7840/63-8	Solubility (Column elution/shake flask)				
830.7950/63-9	Vapor Pressure				
830.7370/63-10	Dissociation Constant				
7550/7560/7570/63-11	Partition Coefficient				
830.7000/63-12	pH				
830.6313/63-13	Stability				
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility				
830.6315/63-15	Flammability				
830.6316/63-16	Explosability				
830.6317/63-17	Storage Stability				
830.7100/63-18	Viscosity				
830.6319/63-19	Miscibility				
830.6320/63-20	Corrosion Characteristics				
830.6321/63-21	Dielectric Breakdown Voltage				

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services
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Date October 22, 2010
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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-274	Page 2 of 2	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
91-7(b)	Product Performance				

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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DATA MATRIX *-Generic*

Date October 22, 2010	EPA Reg. No./File 6836-117	Page 1 of 4
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709	Glyco, Inc. (Co. #38906)	OWN	
		00165354	Glyco, Inc. (Co. #38906)	OWN	
		41088901	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360	Glyco, Inc. (Co. #38906)	OWN	
		00165354	Glyco, Inc. (Co. #38906)	OWN	
		41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
830.1750/62-2 through 830.7950	Physical and Chemical Properties	00165354	Glyco, Inc. (Co. #38906)	OWN	
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
		43695402	LONZA, Inc.	OWN	
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	42865601	LONZA, Inc.	OWN	
		00145353	Glyco, Inc. (Co. #38906)	OWN	
		00145354	Glyco, Inc. (Co. #38906)	OWN	
		00145355	Glyco, Inc. (Co. #38906)	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	42865602	LONZA, Inc.	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck	42865603	LONZA, Inc.	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms	40993103	LONZA, Inc.	OWN	
		40993101	LONZA, Inc.	OWN	
		40993102	LONZA, Inc.	OWN	

Signature  
Name and Title:  
Kari Mavian, Director, Regulatory ServicesDate  
October 22, 2010



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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-117	Page 2 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN	
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN OWN	

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010





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**DATA MATRIX**

Date <b>October 22, 2010</b>	EPA Reg. No./File <b>6836-117</b>	Page 3 of 4
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom</b>	

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4100/83-1	Chronic Feeding Toxicity	43397702 43553101 43688403 43972101 44111902 44299101	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
870.4200/83-2	Oncogenicity	43397701 43397702 43688403 43688405	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401 42432701 43688401 43688406	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3800/83-4	Reproduction and Fertility Effects	43290601 43688404 44243001	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
870.5100 - 870.5915/84-2	Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
870.7485/85-1	Metabolism and Pharmacokinetics	42123801 42123802 42173901 42173902 43020401 43020402	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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DATA MATRIX - *Generic*

Date <b>October 22, 2010</b>	EPA Reg. No./File <b>6836-117</b>	Page 1 of 2
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>	Product <b>Dantobrom</b>	

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
70.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.1750/62-2 through 830.7950	Physical and Chemical Properties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/ 72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
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## DATA MATRIX

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-117</b>		Page 2 of 2	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Line Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days				
870.4100/83-1	Chronic Feeding Toxicity				
870. 4200/83-2	Oncogenicity				
870.3700/83-3	Teratogenicity/ Developmental Toxicity				
870.3800/83-4	Reproduction and Fertility Effects				
870. 5100 - 870.5915/84-2	Genetic Toxicity				
870.7485/85-1	Metabolism and Pharmacokinetics				
875.1200/133-3	Applicator Exposure				
835.2110 or 835.2120/161-1	Hydrolysis				
835.2240/161-2	Photodegradation in water				
162-3	Anaerobic Aquatic Metabolism				
162-4	Aerobic Aquatic Metabolism				
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption				
850.1730165-4	Bioconcentration In Fish Organisms				

\* Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-117	Page 3 of 4	
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

870.4100/83-1	Chronic Feeding Toxicity	43397702 43553101 43688403 43972101 44111902 44299101	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
870.4200/83-2	Oncogenicity	43397701 43397702 43688403 43688405	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401 42432701 43688401 43688406	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
870.3800/83-4	Reproduction and Fertility Effects	43290601 43688404 44243001	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
870.5100 - 870.5915/84-2	Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
870.7485/85-1	Metabolism and Pharmacokinetics	42123801 42123802 42173901 42173902 43020401 43020402	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

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## DATA MATRIX

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-117</b>		Page 4 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1200/133-3	Applicator Exposure	41412200	ACC (#63394)	OWN*	
		41412201	ACC (#63394)	OWN*	
		41742600	ACC (#63394)	OWN*	
		41742601	ACC (#63394)	OWN*	
		42587500	ACC (#63394)	OWN*	
		42587501	ACC (#63394)	OWN*	
835.2110 or 835.2120/161-1	Hydrolysis	00137710	Glyco, Inc. (Co. #38906)	OWN	
		00158017	Glyco, Inc. (Co. #38906)	OWN	
		42466201	LONZA, Inc.	OWN	
835.2240/161-2	Photodegradation in water	42466202	LONZA, Inc.	OWN	
		00143052	Glyco, Inc. (Co. #38906)	OWN	
		00158017	Glyco, Inc. (Co. #38906)	OWN	
162-3	Anaerobic Aquatic Metabolism	42895801	LONZA, Inc.	OWN	
		42895802	LONZA, Inc.	OWN	
162-4	Aerobic Aquatic Metabolism	42895803	LONZA, Inc.	OWN	
		42895804	LONZA, Inc.	OWN	
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption	42466203	LONZA, Inc.	OWN	
850.1730/165-4	Bioconcentration In Fish Organisms	42721703	LONZA, Inc.	OWN	

\* Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services
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Date October 22, 2010
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DATA MATRIX - *Generic*Date **October 22, 2010**EPA Reg. No./File **6836-117**

Page 1 of 2

Applicant's/Registrant's Name &amp; Address:

**Lonza Inc.**  
**90 Boroline Road**  
**Allendale, NJ 07401**

Product

**Dantobrom**Ingredient(s): **(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.1750/62-2 through 830.7950	Physical and Chemical Properties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/ 72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-117	Page 2 of 2	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days				
870.4100/83-1	Chronic Feeding Toxicity				
870. 4200/83-2	Oncogenicity				
870.3700/83-3	Teratogenicity/ Developmental Toxicity				
870.3800/83-4	Reproduction and Fertility Effects				
870. 5100 - 870.5915/84-2	Genetic Toxicity				
870.7485/85-1	Metabolism and Pharmacokinetics				
875.1200/133-3	Applicator Exposure				
835.2110 or 835.2120/161-1	Hydrolysis				
835.2240/161-2	Photodegradation in water				
162-3	Anaerobic Aquatic Metabolism				
162-4	Aerobic Aquatic Metabolism				
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption				
850.1730165-4	Bioconcentration In Fish Organisms				

\* Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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**DATA MATRIX**

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-274</b>		Page 1 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc. 90 Boroline Road Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401 44801903	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 Not yet assigned Not yet assigned	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN OWN OWN	
830.6302/63-2	Color	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6303/63-3	Physical State	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6304/63-4	Odor	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7200/63-5	Melting Point	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1

Signature 	Name and Title: <b>Kari Mavian, Director, Regulatory Services</b>	Date <b>October 22, 2010</b>
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## DATA MATRIX

Date <b>October 22, 2010</b>			EPA Reg. No./File <b>6836-274</b>		Page 2 of 4
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>			Product <b>Dantobrom TBS-5b</b>		
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point	---	---	---	N/A: Footnote
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	pH	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-274	Page 3 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability	---	---	---	N/A: Footnote 3
830.6316/63-16	Explosibility	---	---	---	N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity	---	---	---	N/A: Footnote 5
830.6319/63-19	Miscibility	---	---	---	N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage	---	---	---	N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-274	Page 4 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

870.2400/81-4	Primary Eye Irritation	00165636	Glyco, Inc. (Co. #38906)	OWN	
		00158018	Glyco, Inc. (Co. #38906)	OWN	
		00158025	Glyco, Inc. (Co. #38906)	OWN	
870.2500/81-5	Primary Dermal Irritation	00161228	Glyco, Inc. (Co. #38906)	OWN	
		00158019	Glyco, Inc. (Co. #38906)	OWN	
		00158026	Glyco, Inc. (Co. #38906)	OWN	
870.2600/81-6	Skin Sensitization	00084178	Glyco, Inc. (Co. #38906)	OWN	
		00128160	Glyco, Inc. (Co. #38906)	OWN	
		00161228	Glyco, Inc. (Co. #38906)	OWN	
91-7(b)	Product Performance	44801904	LONZA, Inc.	OWN	
		44801905	LONZA, Inc.	OWN	

## FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 These data are not required under 40 CFR §158.190 because the subject end-use product is not explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- 6 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not an emulsifiable liquid intended to be diluted with petroleum solvents.
- 7 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is not a liquid intended to be used around electrical equipment.
- 8 These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-274	Page 1 of 2	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.6302/63-2	Color				
830.6303/63-3	Physical State				
830.6304/63-4	Odor				
830.7200/63-5	Melting Point				
830.7220/63-6	Boiling Point				
830.7300/63-7	Density/Relative Density/Bulk Density				
830.7840/63-8	Solubility (Column elution/shake flask)				
830.7950/63-9	Vapor Pressure				
830.7370/63-10	Dissociation Constant				
830.7550/7560/7570/63-11	Partition Coefficient				
830.7000/63-12	pH				
830.6313/63-13	Stability				
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility				
830.6315/63-15	Flammability				
830.6316/63-16	Explosibility				
830.6317/63-17	Storage Stability				
830.7100/63-18	Viscosity				
830.6319/63-19	Miscibility				
830.6320/63-20	Corrosion Characteristics				
830.6321/63-21	Dielectric Breakdown Voltage				

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010



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## DATA MATRIX

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-274</b>		Page 2 of 2	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom TBS-5b</b>			
Ingredient(s): <b>(a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
91-7(b)	Product Performance				

Signature 	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

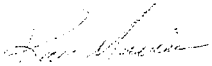
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DATA MATRIX *-Generic*

Date <b>October 22, 2010</b>		EPA Reg. No./File <b>6836-117</b>		Page 1 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 Not yet assigned Not yet assigned	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN OWN OWN OWN	
830.1750/62-2 through 830.7950	Physical and Chemical Properties	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	42865601 00145353 00145354 00145355	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	42865602	LONZA, Inc.	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck	42865603	LONZA, Inc.	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms	40993103 40993101 40993102	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
Signature 			Name and Title: <b>Kari Mavian, Director, Regulatory Services</b>		Date <b>October 22, 2010</b>



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## DATA MATRIX

Date	October 22, 2010	EPA Reg. No./File	6836-117	Page 2 of 4	
Applicant's/Registrant's Name & Address: <b>Lonza Inc.</b> <b>90 Boroline Road</b> <b>Allendale, NJ 07401</b>		Product <b>Dantobrom</b>			
Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN	
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN OWN	

Signature

Name and Title:

Kari Mavian, Director, Regulatory Services

Date

October 22, 2010